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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 14th September 1963

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 24th August 1963

89581. M. Patel. Improvements in or relating to the voltage regulator (cutout) used in automobiles and the like.
89582. Wm. Wrigley Jr. Company. Wrapped package.
89583. Imperial Chemical Industries Limited. New polymeric compositions. (5th September 1962).
89584. G. K. N. Screws & Fasteners Limited. Improvements in or relating to punches for forming recesses in metal threaded fasteners. [Divisional date 29th May 1962].
89585. G. K. N. Screws & Fasteners Limited. Improvements in or relating to drivers for use with metal threaded fasteners. [Divisional date 29th May 1962].
89586. Simonacco Limited. Improvements in and relating to conveyor systems. (6th September 1962).
89587. Sperry Rand Corporation. End of Character detector.
89588. Standard Telephones and Cables Limited. Communication system.
89589. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Vitamin compositions and process for producing same.
89590. E. V. D. Walle, C. V. D. Walle and M. V. D. Walle. Method of manufacturing objects consisting of an upper glass element connected to a base element and objects thus obtained.
89591. S. S. Jain. Designing R. C. C. structures named S. Designer.

The 26th August 1963

89592. J. Jethalal and K. Bhawarlal. Stove.
89593. Mrs. Saraswatiben Shivprasad Thaker. Air conditioned salt shaker.
89594. Shova Rani Seth. Improved belt for sanitary pads and the like.
89595. Nihar Chandra Roy and Orissa Cement Ltd. Development of a new type of basic refractory.
89596. Vickers-Armstrongs (Engineers) Limited. Machine for skinning bananas. (27th August 1962).

89597. The International Nickel Company (Mond) Limited. Nickel alloys.
89598. Merck & Co. Inc. Dibenzocycloheptenes.
89599. M. D. Tendler. Antibiotic substances and process for the manufacture thereof.
89600. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to lighting fittings.
89601. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to fittings for containing heavily loaded electric lamps.
89602. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transmission equipment for the transmission of signals by modulated oscillations of constant amplitude.
89603. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to synchronous motors having permanent magnetic rotors.
89604. Imperial Chemical Industries Limited and British Nylon Spinners Limited. Stabilisation process. (3rd September 1962).
89605. Imperial Chemical Industries Limited. Production of particulate ammonium nitrate. (3rd September 1962).
89606. Imperial Chemical Industries Limited. Traversc mechanism. (6th September 1962).
89607. Shell Internationale Research Maatschappij N.V. Novel ashless lubricant additives, their preparation and lubricants containing them.
89608. Dr. H. Smith. Pharmaceutical compositions. (27th August 1962).
89609. The New York Air Brake Company. Pump.
89610. The New York Air Brake Company. Engine.
89611. General Electric Company. Electric incandescent lamp.
89612. Combustion Engineering, Inc. Apparatus for non-destructive material testing.
89613. Phillips Petroleum Company. Improvements relating to lubricating oil additives.
89614. Asahi Kasei Kogyo Kabushiki Kaisha. Apparatus for automatically wrapping rayon cakes.
89615. FMC Corporation. Method and apparatus for transferring fluid offshore.
89616. FMC Corporation. Method and apparatus for transferring fluid offshore.

The 27th August 1963

89617. Associated Electrical Industries Limited. Improvements relating to electric cables. (7th September 1962).
89618. Westinghouse Electric Corporation. Improvements in or relating to arc welding gun.
89619. Phillips Petroleum Company. Process for the preparation of polymers of isoprene and butadiene.

89620. American Home Products Corporation. Method of preparing liquid infant formula.
89621. Hitachi Ltd. Motor block.
89622. I. C. Jennings. Improvements in or relating to liquid ring pump.
89623. Ciba Limited. Manufacture of pharmaceutical compositions.
89624. Ciba Limited. Manufacture of Alkyl substituted azacycles.
89625. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stabilization of polyoxymethylenes.
89626. J. R. Geigy A. G. Improvements in and relating to the manufacture of herbicidal 2-methylthio-4, 6-bis-amino-s-triazine derivatives.
89627. Rohm & Haas Company. Treatment of leather.
89628. Universal Oil Products Company. Process for the hydrotreating of heavy oils.
89629. Esso Research and Engineering Company. Hydrocarbon separation process for improvement of heat stability.
89630. Esso Research and Engineering Company. Synthetic preparation of absorbing materials.
89631. Joseph Lucas (Industries) Limited. Frequency meters.
89632. The New York Air Brake Company. Valve.
89633. Hartmann Manufacturing Co. Hydrodynamic unit.

The 28th August 1963

89634. Ciba Limited. Manufacture of quinazolines.
89635. "Rheum" Rheinische Werkzeug-Und Maschinenfabrik G.m.b.H. Driving apparatus for preparation machines. (8th August 1963).
89636. Union Carbide Corporation. Submerged-melt welding composition [Addition to No. 69900].
89637. Tecalemit (Engineering) Limited. Improvements in the manufacture of extruded tubing. (5th September 1962).
89638. The Glacier Metal Company Limited. Composite bearing material. (11th July 1963).
89639. Imperial Chemical Industries Limited. Alkene derivatives. (13th September 1962).
89640. American Flange & Manufacturing Co. Inc. Pail handles and methods of applying same.
89641. R. Linder. Rotary fluid delivering machine. (30th August 1962).
89642. Ateliers De La Motobecane. Improvements in or relating to an air-cooled two-stroke motor.
89643. Oronzio de Nora Impianti Elettrochimici. Amalgam discharge means for inclined plane mercury cells and method of discharging amalgam.

The 29th August 1963

89644. Glaverbel. Method and glass melting tank for the manufacture of glass.
89645. Shell Internationale Research Maatschappij N.V. Method of drilling an underwater well.
89646. Esso Standard Eastern, Inc. Improvements in or relating to preparations for use on smooth surfaces such as of glass or metal.
89647. Österreichische Stickstoffwerke Aktiengesellschaft. Process for the preparation of unsaturated aliphatic nitriles.
89648. A. H. Robins Company, Inc. Compositions of certain heterocyclic organic compounds. [Divisional date 27th December 1961].
89649. Badische Anilin & Soda-Fabrik Aktiengesellschaft. Herbicides.
89650. The Gas Council. Improvements in and relating to thermally insulated reaction vessels. (4th September 1962).
89651. The Carborundum Company. Sintered bauxite tumbling media and method of making the same.

The 30th August 1963

89652. G. V. Pendse. Automatic shuttle changing device for an over picking loom.
89653. C. Valls. A machine for the continuous treatment of textile articles.
89654. T. Sepdzimir. Process and apparatus for producing a wide metal strip by rolling.
89655. Hugh Wood & Company Limited. Improvements relating to hydraulic rams. (31st August 1962).
89656. Allen & Hanburys Limited. Quinaldinium derivatives. (12th September 1962).
89657. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Hydroxymethyl compounds, their products of dehydration and process for the manufacture thereof.
89658. Blinds India Private Limited. Improvements in or relating to sprocket drive mechanisms.
89659. Diamond National Corporation. Divisible molded article.
89660. Libbey-Owens-Ford Glass Company. Heat treating glass.
89661. Gosudarstvenny Nauchno-Issledovatel'sky Akkumuljatorny Institute. Method of making separators for electric storage batteries.
89662. Phillips Petroleum Company. Preparation of polybutadienes.
89663. Nippon Rayon Co. Ltd. A process for the setting of synthetic fibres.
89664. J. R. Geigy A. G. Process for the production of carbostyryl derivatives.
89665. Shell Internationale Research Maatschappij N.V. Process for the hydrogenative cracking of hydrocarbon oils and process for the preparation of catalysts suitable for carrying out the former process.
89666. The Dow Chemical Company. Effect yarn and textile fabrics thereof.
89667. Imperial Chemical Industries Limited. Chlorinated polyvinyl chloride. (17th September 1962).
89668. Semtex Limited. Improvements relating to the production of thermoplastic tiles and the like. (5th September 1962).
89669. Semtex Limited. Improvements relating to thermoplastic tiles and the like. (5th September 1962).
89670. Textile & Allied Industries Research Organisation. Electric stop motion for speed frame.

Alteration of date

79481. The claim to priority date 25th November 1960 has been cancelled and the application dated as of 24th November 1961, the date of filing in India.
80612. The claim to priority date 30th August 1961 (South Africa) has been altered to 31st August 1961 (Australia).
81008. The claim to priority date 28th February 1961 has been disallowed and the application dated as of 28th February 1962, the date of filing in India.
81879. The claim to priority date has been altered from 10th April 1962 to 29th April 1961.

Application Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra), if sent out of India. Requisition for the supply of printed specifications should be

accompanied by numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79481. T. Pietsch. Process for increasing the thermal insulating properties of cellular vitreous materials and their adhesive ability to other substances. Accepted on 24th August 1963.

Comprises subjecting vitreous materials which in molten or semi-molten state to forces of pressure or stretching or a combination of both in directions perpendicular to each other whereby the cells of the material are deformed by the compressing and/or stretching action of the forces and thus reduce in height.

79493. Y. Ichinose, K. Ichinose, S. Ichinose, R. Ichinose and M. Ichinose. Automatic screen printing machine by vacuum method. Accepted on 24th August 1963.

Comprises vertically movable screens arranged on endless belt, cloth to be printed being provided on the belt, and two rollers to move to and fro on the screens and on which dyestuff is poured, the screen descending to come into contact with cloth when it is intermittently stopped.

79532. Ciba Limited. New vat dyestuffs, their manufacture and use. Accepted on 27th August 1963.

Carbazolizing dianthrime derivative containing one carboxylic acid amide group linked through its nitrogen atom to chromophore and containing one or two sulfonic acidgroup, hydrogen, or halogen, alkyl or alkoy or chlorotriazinyl or chloropyrimidyl groups.

79587. Lapis Engineering Company Limited. Syringe for hypodermic injection. Accepted on 29th August 1963.

Including a casing to receive a collapsible bag and a plunger slidably in the casing and providing a closable passage between the exterior of the casing and the space within the casing left unoccupied by the bag.

80143. Sun Oil Company. Stabilization of polypropylene. Accepted on 29th August 1963.

Comprising (1) a hindered phenol, (2) trialkyl trithiophosphites, (3) thioethers of carboxylic acid esters and, (4) thioethers R-S-R, wherein R is a hydrocarbon radical having 6-20 carbon atoms.

80433. Feinwerkbau Westinger & Altenburger GmbH. Compressed air weapon especially an air gun. Accepted on 27th August 1963.

In which the action is displaceably supported partially on roller bearings in the stock.

80545. J. Gorig. Method of producing printing forms for intaglio printing. Accepted on 26th August 1963.

By means of screen diapositives and a second screen for producing webs for guiding the doctor.

80612. The B. F. Goodrich Company. An internally-reinforced synthetic latex and method for making same. (31st August 1961). Accepted on 26th August 1963.

Mixing an aqueous dispersion of a resinous polymer and/or an aqueous dispersion of an inorganic reinforcing pigment with said butadiene polymer latex, freezing said mixture and thawing the frozen mass.

80690. Polysius G.M.B.H. Apparatus for effecting a heat exchange or for performing chemical reactions. Accepted on 27th August 1963.

Comprising cylindrical chamber with horizontal axis and diameter greater than length with one tangential inlet port and other for medium with greater specific weight and one or more outlets.

80964. The English Electric Company Limited. Improvements in and relating to electrical protective relay systems. (3rd March 1961). Accepted on 26th August 1963.

Includes circuit means conditioned by switch means for comparing, in the case of multiphase faults, the amplitudes of positive and negative phase sequence components and in the case of single phase fault the amplitudes of positive, negative and Zero phase sequence components, and relay means connected for performing or initiating a protective function.

81002. Canada Iron Foundries Limited. Electromatic tamper. Accepted on 27th August 1963.

Comprises a pair of tamping fork arms, drive shafts drive means, a crank shaft depending from drive means, a pair of laterally extending connecting rods each mounted on an eccentric on said crank shaft and a rocker arm wherein high frequency low amplitude vibration is transmitted to the fork arms.

81004. Imperial Chemical Industries Limited. Stabiliser compositions for polymeric material. (3rd March 1961). Accepted on 29th August 1963.

Comprising a phenolic compound containing at least 2 phenolic nuclei and one sulphur compound of molecular weight at least 250 and one or more sulphide sulphur containing groups-S-C-S.

81008. A. A. Alegre. A process for making and finishing artificial hides or leather. Accepted on 28th August 1963.

Impregnating a lap of fibres with latex and heating at 69-80°C, squeezing the excess latex, drying the coated lap and then applying a plurality of coats of a polymer with pigments, fillers and plasticiser followed by heating.

81009. Aim Pump Corporation. Rotary pump or motor. Accepted on 28th August 1963.

Comprising a housing having a cylindrical chamber, a rotary shaft having a cylindrical impeller thereon offset from the shaft axis, an axially extending wiper bar mounted on said impeller.

81010. F. L. Smidth & Co. A/S. A device for producing sintered products from raw materials. (1st March 1961). Accepted on 28th August 1963.

Comprising a kiln for producing sintered product, a chute along which the product leaves the kilns, means responsive to mechanical oscillations set up in the chute or trough by the sintered product and means by which a signal given by the said means controls any one of the feed of the raw material to kiln.

81035. K. Kurz. Method of forming grooves and flanges in fibre-drums. Accepted on 27th August 1963.

An axial press tool is employed to exert a pressure along the longitudinal axis of the drum upon the edge of the drum which edge is adjacent the groove.

81037. N. G. Rao. A calling bell system to give reply. Accepted on 28th August 1963.

Comprising an electric bell, two electric bulbs inside a casing each of which bulbs can be optionally connected with the source of supply giving indications like "Come in" and "Wait" respectively and a press button switch.

81065. L. S. Davar. Paper machinery. Accepted on 27th August 1963.

Press section for a Fourdrinier paper machine incorporating one or more suction rolls.

81079. B. & F. Carter & Co. Limited. An improved hose or like fitting. (7th March 1961). Accepted on 29th August 1963.

First sleeve member for location radially outwardly of the ferrule with the wall of the hose between such member and the ferrule and capable of being radially compressed over at least part of its longitudinal extent a second sleeve member adapted to be moved axially relative to the first sleeve member by cooperating screw thread means.

81124. Minnesota Mining and Manufacturing Company. Microcapsules and process of forming. Accepted on 28th August 1963.

Comprising a polymeric shell of aminoplast polymer and having encapsulated therewithin a fill material in particle form of a substance different from the aminoplast polymer shell.

81184. Deutsche Edelstahlwerke Aktiengesellschaft, and Howe Sound Company. Improvements in and relating to chromium containing oxidation resistant alloys. Accepted on 29th August 1963.

Aluminizing chromium containing alloy articles to achieve an aluminium content at least at the surface, in excess of the amount of chromium contained in the alloy, aluminizing being carried out at temperatures excess of the highest temperature to which the articles would be subjected while in use.

81264. The Firestone Tire & Rubber Company. Process for the polymerization of olefinic compounds to yield macromolecular polymers, and novel catalysts therefor. Accepted on 30th August 1963.

Contacting ethylenically unsaturated compound with a catalyst comprising (A) a compound selected from the group consisting of nitrides and phosphides of the metals of groups I-A, II-A, II-B, III-A, or IV-A of the periodic table plus (B) a compound selected from the group consisting of compounds of the heavy metals boron silicon or arsenic.

81454. Union Carbide Corporation. Styrene modified polyethylene and process for preparing same. Accepted on 28th August 1963.

Comprising heating polyethylene in presence of styrene or isopropenyl acetate.

81470. Sperry Rand Corporation. Encoding device. Accepted on 29th August 1963.

Comprises sensing means and coordinate vertical and horizontal deflection circuits for producing electron beam scan field characterised by means coacting with sensing means, for producing a scan position electrical output and means for employing electrical output to deflection circuits in order to adjust the sensing means in coordinate directions to required sensing position.

81478. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (29th March 1961). Accepted on 29th August 1963.

Wherein glass is delivered at a controlled rate to a molten bath to establish a buoyant layer of molten glass, on the bath.

81479. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (29th March 1961). Accepted on 27th August 1963.

Delivering glass at a controlled rate to a bath of molten metal and advancing the glass along the surface of the bath under thermal conditions assuring that a layer of molten glass is established on the bath.

81480. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (29th March 1961). Accepted on 27th August 1963.

Including the steps of advancing a ribbon of glass along a molten bath, gripping the ribbon, progressively heating the ribbon imposing longitudinally directed tractive force on the plastic glass, stabilising the ribbon of glass at the desired reduced thickness and cooling the stabilised ribbon.

81481. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (29th March 1961). Accepted on 27th August 1963.

Characterised by establishing on a molten bath a buoyant layer of molten glass confined between non-wettable surfaces, advancing the layer between said surfaces and the cooling the layer.

81520. Dunlop Rubber Company Limited. Improvements in mechanical belting. Accepted on 28th August 1963.

One or more layers of a composite compound textile fabric having two sets of warp yarn, one set consisting of longitudinal strength members and the other consisting of protective binding threads.

81655. The Imperial Tobacco Company (of Great Britain and Ireland) Limited. Improved method and apparatus for impressing flutes in the paper covering of a cigarette. (11th May 1961). Accepted on 27th August 1963.

Web is passed between rollers, its surfaces comprise a plurality of co-operating flutes and ribs such as to stretch the web laterally and so impress corresponding longitudinally extending flutes and ribs in the paper.

81730. Rank-Xerox Limited. Method for formation of electrostatic image. Accepted on 24th August 1963.

Comprising sensitizing a xerographic film, selectively illuminating plate in accordance with an image to be produced charging the surface of plate to a uniform potential, and fully illuminating plate.

81824. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to apparatus for indicating the presence or absence of a pulse in a given time interval. Accepted on 29th August 1963.

Including a transistor the emitter of which is driven in the forward direction with respect to the base by the pulse.

81877. Glayton Dewandre Company Limited. Improvements in or relating to the control of compressor unloader means. (15th May 1961). Accepted on 29th August 1963.

In which the valve member engages an abutment, and further movement of plunger and the pressure in the reservoir, disengage it from the valve.

81879. Dunlop Rubber Company Limited. Improvements in and relating to moulds. (29th April 1961). Accepted on 29th August 1963.

Which comprises a mould body formed from polypropylene.

82007. Shell Internationale Research Maatschappij N. V. Novel copolymers, their preparation and lubricants containing them. Accepted on 28th August 1963.

Reacting oil soluble copolymer with an amine and phosphate.

82013. Ansair (Sydney) Pty. Limited. Improved reclining seat. (2nd May 1961). Accepted on 24th August 1963.

Having a member adapted to rest on or be attached to a supporting surface or supporting member, support brackets fixedly attached to and extending upwardly and rearwardly from member.

82017. Courtaulds Limited. Improvements in and relating to the production of artificial threads. (9th May 1961). Accepted on 27th August 1963.

Consisting of at least 90 p.c. by weights of an optically active form of gamma-methyl glutamate comprising extending a birefringent solution of the polymer into a liquid coagulating bath, stretching the resultant fiber while the polymer is in the alpha configuration thereby converting the polymer into beta configuration.

82075. Amulya Kumar Biswas. Improvements in or relating to tooth-brushes. Accepted on 30th August 1963.

Having bristle head at right angles to the handle.

82124. S. A. Padukone. A method of mounting the central magnetic core in a moving coil electrical instrument. Accepted on 29th August 1963.

Comprising securing the magnetic core of a moving coil to a depending lug on the coil frame.

82192. Council of Scientific and Industrial Research. An apparatus for the automatic collection of atmospheric pollen and spores. Accepted on 29th August 1963.

Comprises a wheel around which is wound an adhesive coated alkathene tape, a second wheel fitted to clock and third wheel from which fresh tape comes.

82474. The Firestone Tire & Rubber Company. Polymerization catalysts and process. Accepted on 28th August 1963.

Polymerizing ethylenically unsaturated monomer by means of a catalyst composition comprising (a) a compound of heavy metal B, Si, As or Te (b) a strong reducing agent and (c) a compound having at least one alkylamino group attached via a bond from amino nitrogen atom to a silicon or titanium atom.

82477. Aktiebolaget Vibro-Verken. Vibrators for consolidating concrete and other plastic masses. Accepted on 27th August 1963.

Characterised in that the shell is provided with a linkage which permits the shell to come into contact with a rotating pin.

82496. O. N. Agarwal and S. K. Agarwal. A catechu bearing preparation and process for preparing same. Accepted on 29th August 1963.

Consisting essentially of a mixture of catechu, starch and tamarind seed.

82652. Western Electric Company, Incorporated. Superconducting magnet. (5th December 1961). Accepted on 27th August 1963.

Including at least one turn of superconducting material comprising an Nb-Zr alloy, together with means for maintaining the turn at a temperature below the critical temperature for the superconducting material.

82653. Western Electric Company, Incorporated. Superconducting compositions and devices. (5th December 1961). Accepted on 27th August 1963.

Comprising an alloy of V and Ti in the relative proportions from 10 to 90 atomic per cent V and from 90 to 10 atomic per cent Ti.

82807. The British Aluminium Company Limited. A method of joining electrically conductive metal to refractory hard metal bodies. Accepted on 29th August 1963.

Contacting at least a part of refractory hard metal member with conductive molten metal at a temperature sufficient to ensure complete wetting of the part of the member by molten member.

82834. Siemens-Schuckertwerke Aktiengesellschaft. Semi-conductor arrangements enclosed in housings. Accepted on 29th August 1963.

Comprising a plate-form, monocrystalline, semi-conductor body having an electrode or electrodes and at least one metal carrier plate, there being a cooling member and a metal member between which the arrangement is disposed and is held by spring pressure, the cooling member and metal member supplying and leading away electric current.

82836. Siemens & Halske Aktiengesellschaft. Improvements in or relating to carbon microphone capsules and more particularly to carbon microphone capsules having a carbon chamber protected against dampness. (2nd March 1962). Accepted on 27th August 1963.

Wherein the damp proof foil encloses only the air-penetrable part of the boundary wall of the carbon chamber.

82873. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for delivering caps for electric filament lamps, discharge tubes and the like to a movable support in an orderly fashion. Accepted on 29th August 1963.

Characterised in that it is provided with a supply container in which the caps are randomly disposed and with means for removing caps from the container and arranging them in a row in a first guide.

82987. V. R. Bhide. Improvements in or relating to vacuum flasks. Accepted on 29th August 1963.

Characterized by that supporting tubular piece has an outwardly projecting flange to provide a large supporting surface for the shell.

82990. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices. Accepted on 27th August 1963.

Ends of supply conductors in the form of plate-shaped limbs of a fork-shaped and plate-shaped conductor, are placed on the contacts and fixed in this position in one operation, whereupon the part of the fork-shaped conductor connecting the limbs is removed.

83035. International Business Machines Corporation. Data storage apparatus. Accepted on 27th August 1963.

Comprising a recording medium, a recording or reading transducer and means for causing the transducer to move relative to the recording medium.

83047. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing printed wirings on a support having metalised apertures. Accepted on 27th August 1963.

In which apertures after having been punched in the panel, are provided internally with a thin electrically conductive layer, after which a mask consisting of an electrically non-conductive support coated on one side with an electrically conductive layer with apertures punched therein corresponding to panel apertures is clamped to the printed wiring with the conductive side and a metal layer is applied to walls of the apertures by electro-deposition.

83180. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements including a direct-current coupled transistor amplifier for television signals. Accepted on 27th August 1963.

In which the collector is connected to the cathode of a display tube and variation of the picture brightness is effected by variation of the background bias of the display tube.

83208. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for modulating a beam of electro-magnetic radiation with the aid of a semi-conductor body. Accepted on 30th August 1963.
- In which the concentration of majority charge carriers is varied in at least one surface layer of the semi-conductor body by means of a field plate.*
83213. The Cotton Silk and Man-Made Fibres Research Association. Scutcher control mechanism. (14th July 1961). Accepted on 26th August 1963.
- Means for continuously detecting long-term fluctuations includes a comparator whereby it may be readily pre-set relative to a chosen datum.*
83442. Creed & Company Limited. Improvements in tape information storage apparatus. (27th July 1961). Accepted on 27th August 1963.
- Including means for feeding from one reel to another, tape having a plurality of sections, means for detecting a selected section, and means for causing the tape to be fed in the reverse direction.*
83502. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Electrolytic furnace for aluminium production. Accepted on 29th August 1963.
- Electrodes supported or suspended, independently of the inside furnace, through insulating members either entirely outside the furnace or connected to the furnace only at parts which are not intended to be contacted with electrolytic bath.*
83550. M. Baermann. Equipment for heating of food contained in metal boxes, metal containers, metal foils, metal packings. Accepted on 26th August 1963.
- Characterised in that at least two magnet poles disks are provided, between which the packing is exposed to rotating magnetic field such that the lines of force penetrate vertically through packing facing the poles.*
83644. C. A. V. Limited. A device for aiding the starting of an internal combustion engine. (18th August 1961). Accepted on 26th August 1963.
- The end of the body part incorporating the outlet, and its surrounding heatable coil extend from the casing so that in use, they will be in an unshielded position within the air intake manifold.*
83673. Conder Engineering Company Limited. Improvements relating to roof structures. Accepted on 30th August 1963.
- Consisting of a main web having a flange along each edge extending in opposite directions, each flange having a lip extending in the same direction.*
83804. Owens-Corning Fiberglas Corporation. Improvements in or relating to cylindrical casings of fibrous glass. Accepted on 27th August 1963.
- Characterized in that heated air for curing the mass is directed in a confined path diametrically through the cylindrical unit.*
83918. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the purification of Σ -caprolactam. Accepted on 27th August 1963.
- Water containing crude lactum is acidified and freed from water at a PH range of 3.2—4.2 by distillation and thereafter further purified rectification and/or extraction.*
83966. Intercontinental Marine Development Limited. Improved marine platform. Accepted on 30th August 1963.
- Comprising a buoyant structure and at least 3 anchorages each of which is connected to the periphery of the structure at two spaced points.*
83977. Western Electric Company, Incorporated. Method for producing semi-conductor films on semi-conductor substrates. (15th February 1962). Accepted on 29th August 1963.
- Comprises mounting a semi-conductor substrate at a distance of at least 10 mils from a transfer body of semi-conductor material in an atmosphere comprising a halide of said semi-conductor material, and heating the substrate and the transfer body.*
84057. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Production of pure chromium by electrolyzing process. (27th April 1962). Accepted on 27th August 1963.
- Comprising employing alloy as soluble anode in a molten bath containing alkaline earth chlorides of which one is NaCl, a mixture of chromium chlorides with average between 2 to 3 and free Na at Conc. between 0.01 and 5%, the anodic alloy containing Fe, Cr, and additional element selected from Cu, Ti, Si, Sn.*
84126. Union Carbide Corporation. Electrolytic manganese dioxide process. Accepted on 27th August 1963.
- Comprises electrolyzing an aqueous solution of manganese sulphate and H_2SO_4 with the aid of a titanium anode and suitable cathode.*
84141. V. D. Thapliyal. Adjustable louvre assembly. Accepted on 29th August 1963.
- Characterised in that each carrier channel is rotatably mounted on a rotatable bearing wheel fixed on the vertical posts and that a linking device on one of the posts links all the bearing wheels.*
84165. British Nylon Spinners Limited. Improvements in or relating to processes for winding and doffing bobbins. (6th September 1961). Accepted on 26th August 1963.
- Winding the initial lengths of yarn on a waste spool spaced below the bobbin, winding spaced turns of yarn in the said bobbin having a transfer tail.*
84199. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices and semi-conductor devices manufactured by these methods. Accepted on 29th August 1963.
- Temperature increase varying with current intensity is utilized for carrying out a selective and controllable etching process, in which etchants are used, the activity of which is comparatively low at the ambient temperature whereas it increases with said temperature increase.*
84276. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices. Accepted on 30th August 1963.
- Two adjacent current supply members are provided on the electrodes, a quantity of a masking agent is applied between these members so that it flows along these members to the electrodes and covers the surface part of the semi-conductor body between these electrodes and then the free surface around these electrodes is subjected to etching treatment.*
84361. Teaco Industrial Corporation. Improvements in or relating to tea strainers. Accepted on 30th August 1963.
- Comprising a bunch of thin wires bound together at one end around a central wire which is thicker than the thin wires.*
84398. K. Shimano. Spoke mounting. Accepted on 24th August 1963.
- Comprising a spoke having one end portion provided with a plurality of ridges disposed thereon transversely to its longitudinal axis, a nipple adapted to fit and seat in a hole formed in a wheel rim.*

84660. La Telemecanique Electrique. Direct voltage motor control system. Accepted on 24th August 1963.

Field winding is energized from a source of alternating voltage through rectifier means and the system includes a saturable reactor having at least one output winding and control winding.

84894. Dunlop Rubber Company Limited. Printers' blanket. (11th November 1961). Accepted on 29th August 1963.

Comprising a ply of glass fabric and a smooth resilient surface impression receiving layer.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

75032. 75121. 75122. 75127. 75184. 75188. 75232.
75249. 75286. 75355. 75447. 75762. 76469. 76475.
76477. 76478. 76485. 76502. 76523. 76526. 76527.
76539. 76604. 76613. 76625. 76626. 76639. 76647.
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77059. 77085. 77154. 77201. 77254. 77259. 77267.
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84041. 85045.

Patents Sealed

76861. 76862. 76922. 77033. 77122. 77134. 77149.
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80977. 81311. 81490. 81767. 81938. 84099. 85596.

Amendment Proceedings

The amendment proposed by Improved Machinery Inc., in respect of Patent application No. 76745 as advertised in the Gazette of India, Part III, Section 2, dated the 18th May 1963 has been allowed.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

40429 }
47831 } Campex Research and Trading Corporation.
59511 }
41368 }
41369 } Troponwerke Dinklage & Co.
43720 — The Metal Box Company Limited.
58716 — C. F. Boehringer & Soehne G. m. b. H.
64497 — G. K. N. Steel Company Limited.
66144 }
66409 } Elektrokemisk A/A.
66805 }
67484 }
66810 — Model Industries (Private) Limited.
68347 — Cabot Corporation.
71864 }
71944 } National Research Development Corporation
71979 } of India.
76078 — International Pipe and Ceramics Corporation.
76289 — Gurbax Singh Sagoo.

Renewal Fees Paid

40251. 40712. 41416. 41950. 42071. 42228. 43720.
43721. 43886. 44017. 44415. 44416. 44417. 44418.
45590. 45804. 45803. 45821. 45929. 46171. 47738.
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49614. 49779. 49780. 50020. 50200. 50202. 50203.
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68938. 68979. 69017. 69031. 69032. 69061. 69079.
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69316. 69336. 69416. 69516. 69829. 69961. 70004.
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73437. 73509. 73596. 73805. 73983. 81368.

Cessation of Patents

39733. 41399. 41424. 43169. 47311. 49582. 51925.
51980. 54538. 57405. 60548. 60554. 60556. 60589.
60752. 63618. 64162. 67701. 67703. 67716. 67727.
67729. 67730. 67737. 67746. 67755. 67760. 67761.
67762. 67771. 67773. 67781. 67784.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 117857. Tilak Chand Jain, Indian National, resident of Modern Colony, Jullundur City, Punjab, "Ice cream freezer", April 22, 1963.

- Class 1. No. 118563. Suresh Metal Industries, Indian partnership Firm, Valbhat Madhavji Road, Goregaon, East, Bombay-62, Maharashtra, "Lid of a container", July 4, 1963.
- Class 1. No. 118744. Vasudev Hari Manohar, Indian Subject, Contractor Building No. 3, Charni Road, Girgaon, Bombay-4, Maharashtra, India, "A nut-cracker", July 20, 1963.
- Class 3. No. 118295. Standard Telephones and Cables Limited, a British Company, Connaught House, 63, Aldwych, London, W.C.-2, England, "A telephone handset", June 1, 1963.
- Class 3. No. 118578. Bright Brothers Private Limited, a company incorporated in India, 156, Tardeo Road, City of Bombay, State of Maharashtra, India, "Waste bins", July 8, 1963.
- Class 3. Nos. 118664 to 118666. Bright Brothers Private Limited, a company incorporated in India, 156, Tardeo Road, City of Bombay, State of Maharashtra, India, "Shopping bags", July 11, 1963.
- Class 3. No. 118723. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality, "Picture blocks", July 19, 1963.
- Class 4. No. 117733. Sureshchand Bansilal Sanghavi and Prafulchand Bansilal Sanghavi, Indian Subjects, P.O. Utran, District Jalgaon, Maharashtra, India, "Bottles", April 11, 1963.
- Class 5. No. 118710. T. Radley, (An Indian registered partnership firm), Bhatia Baug, 121, Fort Street, Fort, Bombay-1, Maharashtra, India, "Playing cards", July 17, 1963.
- Class 13. Nos. 118684 to 118703. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", July 16, 1963.
- Class 13. Nos. 118711 to 118720. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", July 18, 1963.

Class 13. Nos. 118726 to 118742. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods", July 20, 1963.

Class 13. Nos. 118753 to 118772. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", July 23, 1963.

Class 13. Nos. 118896 to 118906. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", July 31, 1963.

Copyright Extended for a Second Period of Five Years

Design Nos. 95488 and 95847 Class 1.
Design Nos. 96534 and 96535, Class 3.
Design Nos. 96029 and 96030, Class 5.
Design Nos. 95208 and 95210, Class 10.

Copyright Extended for a Third Period of Five Years

Design No. 95209, Class 3.

Registration of Assignments, Licences, etc.

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

95967	}	Nestler Boilers Private Limited.
95968		
95969		
96157		
111712	}	Mahor Soap Factory.
111713		

Cancellation of the Registration of Designs

An application has been made by Om Prakash Gupta of Calcutta for cancellation of the registration of design No. 114842 in the name of Ramsinghasan Singh, trading as Mahabir Camphor Co.

S. VENKATESWARAN

Controller General of Patents, Designs and Trade Marks